

PRODUCT BULLETIN PETROFLO NON-DETERGENT NAPHTHENIC OIL 50w

PETROFLO Non-Detergent Naphthenic Oils are blended from select severely hydrotreated naphthenic base oils stocks and provide low pour points, low odor levels, good solvency power, and excellent color and color stability

PROPERTIES & BENEFITS:

1. Strict viscosity control, insures quality products at all times;
2. High viscosity index, promotes stable lubricating film, at various operating temperatures;
3. Oxidations stability, inhibitor fortifies the natural stability of the oil;
4. Various grades, available in wide range of viscosity.

APPLICATION:

For light to moderate duty service.

TYPICAL ANALYSIS

TEST DESCRIPTION	TEST METHOD	50w
Physical Properties		
Viscosity, SUS at 100°F (37.8°C)	ASTM D 445	1236
Viscosity, SUS at 210°F (98.9°C)	ASTM D 445	77.7
Viscosity, cSt at 40°C (104°F)	ASTM D 341	228.0
Viscosity, cSt at 100°C (212°F)	ASTM D 341	14.4
API Gravity, 60°F (15.6°C)	ASTM D 1250	22.2
Specific Gravity, 60°F (15.6°C)	ASTM D 4052	0.9206
Viscosity-Gravity Constant	ASTM D 2501	0.8527
Density, lbs/gal at 60°F	ASTM D 1250	7.666
Molecular Weight	ASTM D 2502	459
Flash Point, COC, °F (°C)	ASTM D 92	470 (243)
Color, ASTM	ASTM D 6045	L2.5
Pour Point, °F (°C)	ASTM D 5949	-3 (-19)
Chemical Properties		
Acid Number, mg KOH/g	ASTM D 664	0.01
Aniline Point, °F (°C)	ASTM D 611	201.7 (94.3)
Sulfur, wt%	ASTM D 4294	0.079
Sulfur, ppm	ASTM D 4294	790
Health and Safety Properties		
Polycyclic Aromatic Compounds, wt%	IP 346	<3
Modified Ames Assay	ASTM E 1687	PASS
FDA Regulation	21 CFR 178.3620 (C)	

The above analyses are typical inspections only and the finished product may vary from batch to batch.